

2.7 kb

M 1 2 3 4 5 M

FIG.4

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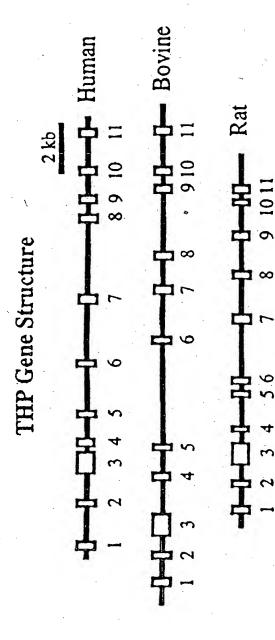


FIG. 8



2501	TAATCGAGTT	GTTGGCCĀAA	GGAGTTCCAT	GGAAACTCCC	AAACAATCCA
2551	GGCTATTGGC	AAGACTTTTG	ATGTCTCTCC	ACAAACTGAC	AGCAACTGTT
2601	GAAAGACAAT	ACCTACACAG	CTCACTGAAC	ACAGAGAAGC	TGAGTTGGTG
2651	CCTACATAAA	TCCTCTAGCT	CTATGAAGGT	CCATAATGGT	ATTCATGGCC
2701	CTAGAAGATA	CTCTTCCCTC	CACCAAAGGA	GAAATGTAAA	CACTAAGCCA
2751	GCCATAAACC	CTTTGGTCTG	TTAGAGTGGC	CTGCCTGCAA	GTTCTGCTGG
2801	TGTAATAATG	GCACAGAGCT	TGTAGGAGTA	ACCAAACAAT	ATCTGATAGG
2851	TTAAGGCCCA	CTCCATGAGA	TCAAACCCAG	ACCTAACAAC	ACTTGGGTGG
2901	ATGAGAACCC	GAGACCAGAT	AGGCCAGGGA	CCTATGGGAA	AACTAAACAT
2951	GACTGTTCTG	CTAAAAGAAC	CTACCAATAA	AATAGCTCCT	AGTGACATTC
3001	TGCCATATTT		TCCTTGTTCA	TCCATCATCA	GAAAACTTCC
3051	TCTTCAGTAG	ATAGAAACAA		CACAGCCAGA	TAATATCCAG
3101	AGAGTGAGAT	ACCCTGGAAC	ACTCAGCTCT	AAAAGGGATG	TCTCCATCAA
3151	cccccccc	CCCCACCTTT	CAGGACTCAT	GAAACCCTCC	AGAAGACGAG
3201	TCAGAAAGAG	TGTAAGATCC	AGAAGGGATG	GAGGACATCC	AAAACTTAAG
3251	GCCTTCAAGA	CACAACTGTA	AGGGAACACA	TATGAACTTA	GAGAGATGGT
3301	GCAGCATGCA	CAGAGCCTGC	ATGGGCTTGT	ACCAGATGGG	GTTCTAGAGC
3351	TGAAAGGAGA	AATGGATAGC	CACTCTGATT	CCTAACCCAG	AAGTGACCCC
3401	TAACTGATAG	TGACTTGCAA	ATAAAAAATT	AGTCTTTTT	CAAAGGGAGT
3451	CTCACTGGGA	AAATAAACCA	CTCTAAATAG	TAGACCCCAT	GCCCAGCAGT
3501	AGATGGCCAA	CAGAAAATGA	ACTCAATGTC	ATCTTTGACC	TTCCTTTGTC
3551	GGAAAGCTTT	TTGTTTGCTT		TACAGGTCCT	TTGCATATTT
3601	ATTATGGTTT	CTTGTTTCAG		.AS13 GAACTCCTGA	GTGTGTGAAT
3651	GTGTGTGTCT	CTGCATACAT	GTGTGTTTCT	TAAGCCCGTT	CTTTTTCTTT
3701	TCTTCTCTTT	ATTGTTTAAA	AAAACAATTG	TTCTTTATTT	TATTATTATT
3751	CCTTATTTTA	GACAGAAACA	TTGTGGATCC	AGATGGGAGA	AGAGGTTGGA
3801	GGAATTGGGA	GGAGTAAAGG	GACAGAAACC	ATAATCAGGG	GGAACCATAA



3851	TCAGGGAGAA	CCATAATCAG	GGGGAGCCAT	AATCAGGGGG	AGCCATAATC
3901	CAAGGGAACC	ATAATCAGAA	TATACTGTAT	GAAAAAAATT	CTATTTTCAA
3951	TAAAAAAAAGA	ATAAAAAAA	AACAGTCTGA	CTGAAGAATA	GCACTTGGTA
4001	AGTAACTCTT	GTTATAACAA	TCCATATCAA	ATGCCCTGCC	TGTGTTAGCA
4051	AGTTAAGAGA	AAAGATTATT		CAAGTCTCCT	TCAAAACCAA
4101	GTGTGTACAG	AACATTGTCT	ZT. GAGGAGTAAG	ATTGCATTTG	GCAACATGCA
4151	TGTCTTTAAT	GGTGTGGAGA		AGTTGGCACG	<u>TCA</u> GAAAGCA
4201	CACTGGTGAA	AAATGGAGAG		.AS12 TCCTTTGAGA	AATTTGGTCT
4251	CAAAAAGTAG	GGTATCAAAT	TACTTGGTGT	CTGTGAGATC	AATTGGTTGT
4301	CTCTGTAGGT	TAGCTTACAT	AGGAGACAGG	AATAAGTGAA	GGAGAGAAGG
4351	GAGGACATTG	GAGCACCCAA	GGAGAGAGGG	ACCTTCCTCC	TAAAAGTGAA
4401	TGAGGTGGCC	TTCATTCCAA	GGAGAAGAGA	TTCAGGTCGC	CCGGGAAGAT
4451	GAGGGACCAA	CATCCACAAG	GAATGGCAGG	AAGTCATCCT	GTGTGCATAA
4501	ATGGAGAGAG	GGGGTCAAAG	ATGGAGCAAA	GAAGGATGAG	CAAGAAAATG
4551	GTGGATGTGG	ATACTCTGAG	GATGGCCTGG	CTGTGGTGAG	CAAAATGTGG
4601	GCAAAGTGGC	ACTCCATGAA	CAAGACAGCT	TGCTCTGTTT	GCAGATCCTT
4651	AAATAAAGGC	ACATGGCATG	CCATGGAGGC	TAGGGGAGTG	GAGGGGAAAG
4701	GTATATAGAT	AGATGCAGAA	GTACCAGAGG	AGCCAGGAAG	GACAGGAGTA
4751	GGAGGGACAG	GTTTGCA <u>CAA</u>		TCTCCCCACC	AGCTCTCTCT
4801	CCCTTCTGTA	TATGCACATA	JP.AS11 CACAGTGAGC	TAGTGTGCAT	ATGTGTGCAC
4851	ATATGCATGT	GATGAACAGA	GGCCAGTCTT	GGGTGTCAGT	CTTCAGGCCC
4901	TATCTACCTT	GTTTTTGAGA	CAATCTCACT	TGAGTGAGTT	GAGTGACTCT
4951	CCTAGTATTC	TACAGAGGTT	TCCTCAGGTG	GGGAGGAATG	GGTGGGAGAA
5001	GCAAATTTAA	GACTGGTTGA	TTTCTTGAAT	TTCAGTGGGC	TTGGGAAATA
5051	GCAGCTATAT	ATTCAGTTTC	CTCGTTCCTG	GCTGGCTTCC	TGGGGTGATC
5101	AGAGCAGAGT	ATAGTAGCCC	TGTGTGGCAG	TCACACCAAC	CAGACAGAAG
5151	ATAGGGCATG	GCTCTGGTGT	GGCTGGTAGA	CATAGGAAAC	GATCCTTGTA
•					*



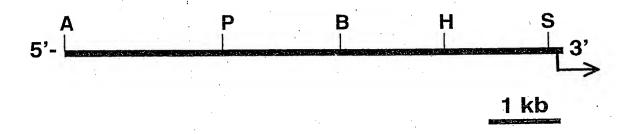


FIG.11

1 TACTGGCGCA GCACAGAGTA CGGCTCCGGC TACGTCTGTG ATGTCAGTCT

ASIA

51 GGGCGGCTGG TACCGCTTCG TGGGCCAGGG CGGCGTGCGC CTGCCCGAGA

101 CCTGCGTGCC CGTCCTGCAC TGCAACACGG CCGCGCCTAT GTGGCTCAAC

ASIS

151 GGCACGCACC CATCGAGCGA CGAGGGCATC GTGAACCGCG TGGCCTGTGC

201 GCACTGGAGC GGCGACTGCT GCCTGTGGGA CGCGCCTGTC CAAGTGAAGG

251 CCTGTGCCGG CGGCTACTAC GTGTACAACC TGACAGAGCC CCCTGAG

FIG.12



1	ACTATAGGGC	ACGCGT <u>GGTC</u>	GACGGCCCGG	GCTGGTAAAT	CTTAAAAAAA
			As		
51	AAAAAAAACA	AAAAGAACAT	CACTAAGCCC		GCACTTTATT
			-	A52	
101	GGAAGGTCAA	GAACACACTC	AACCACACAA	GAGATGTGAA	CATACCTGTG
	~	AS3		• •	~
151	TGGTACCCAA	AGACATCCCC	TTTCACACAT	ACATGACCCT	TCCATTGGGT
		A54			AS 5
201	TGCACATTGC	TGTTAGCTTT	TTGTTGGAGA	AGGGAGCTAG	ACACCTCTAC
251	ACAACCCCCA	ACTGGAGTTC	TCTGGAACAG	AGTAAATACC	AŢCGTGTCAT
	4	•			
301	CATGGAGCGC	ACACACACTG	TGGTCCTGCA	ACCTCGATTT	GTGTCCTGGC
351··	TCTGCTGCTT	ACCAATGAAG	CAAGTAGCTT	AAACCTTCTG	AATCTCAAGT
101	TTCCTCACCC	TCAAACTATA	GCTAAATACA	AAAGTCATTT	CCCAGGGCCA
					,
51	CTGGAGAGGA	TTCTATCAGA	TAATGGATAG	AAGATGCCTA	TCCCAGTGTT
01	TGACATATCC	TAAGTGCTTA	ATACACGAGA	GCTCACCATC	TTTACTGGTA
51	TTATTGCACA	GAGAAACACA	CAAAGTGTCA	GTGCCCCTGC	TAGGTAGAGA
01	GGGANGCANG	GNAAGGAGAT	CTGAGCAAAA	GGCATAGAAT	ATATCAAGCT
~ 4					
51	GGG		•		•

FIG.13A



Human Growth Hormone Vector

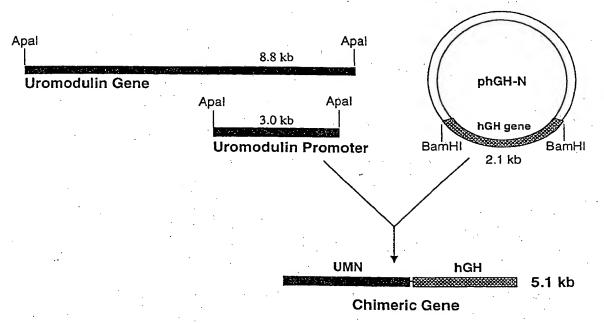


FIG.16